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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,192	10/31/2001	Richard P. Tarquini	10017555-1	5757

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

NANO, SARGON N

ART UNIT	PAPER NUMBER
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2157

MAIL DATE	DELIVERY MODE
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12/11/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/004,192

Applicant(s)

TARQUINI, RICHARD P.

Examiner

Sargon N. Nano

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 June 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 - 21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) 1 - 9 and 17 - 21 is/are allowed.
- 6) ☐ Claim(s) 10 - 16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

Response to Amendment

1. This action is responsive to amendment filed on June 8, 2007 after board of appeal decision. Claims 1 – 20 are pending examination.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 10 – 16 are rejected under 35 U.S.C. 102(e) as being anticipated by Meyerzon et al. U. S. Patent No.6,631,369 (referred to hereafter as Meyerzon).

As to claim 10, Meyerzon teaches a system for Uniform Resource Locator (URL) filtering, comprising:

a web server operable to receive a URL request from a client ; and a filter operable, upon receiving an event notification relating to said URL request from said web server, to search a lexical search tree data structure

storing a plurality of hostile URLs , said filter further operable to process said received URL in response to said received URL not matching any of said plurality of hostile URLs (see col.9 lines 45 – 67, Meyerzon discloses filtering of a web pages URL's in response to event notification) .

As to claim 11, Meyerzon teaches the system of claim 10, wherein said event notification relates to an event selected from the group consisting of a URL map event and a receive raw data event (see col.4 lines 43 - 67).

As to claim 12, Meyerzzon teaches determining a branch associated with a root node of said lexical search tree data structure corresponding to said branch along with said root node representing at least one URL of said plurality of URLs, said branch having one or more leaf nodes linked hierarchically to one another, each leaf node representing an element of said at least one URL; and traversing only said branch to find a match between said at least one URL and said received URL (see abstract and fig.3 item "400 - 2")

As to claim 13, Meyerzon teaches the system of claim 12, wherein said means for determining a hash value comprises:

means for determining a first element of said received URL(see col. 7 lines 45 - 47); and

means for determining a hash value for said first element (see col. 7 lines 45 – 47 and fig. 3).

As to claim14, Meyerzon teaches the system of claim 13, wherein said means for traversing only said branch comprises means for comparing

successive elements of said received URL with successive elements of said at least one URL stored in successive leaf nodes of said one or more leaf nodes so long as said successive elements of said received URL match said successive elements of said at least one URL (see col. 3 lines 27 – 42).

As to claim 15, Meyerzon teaches the system of claim 14, wherein said means for traversing only said branch further comprises: means for determining a twig associated with branch at a point of divergence between said at least one URL and said received URL, said twig representing a terminating substring of a second URL of said plurality of URLs (see col. 9 lines 1 - 9); and means for traversing said twig to find a match between a terminating substring of said received URL and said terminating substring represented by said twig (see col. 9, lines 45- 51).

As to claim 16, Meyerzon teaches the system of claim 15, wherein said means for traversing said twig comprises means for comparing successive elements of said terminating substring of said received URL with successive elements of said terminating substring of said second URL represented by said twig so long as said successive elements match (see col. 9, lines 45- 51).

Allowable Subject Matter

Claims 1 – 9 and 17 – 21 are allowable.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sargon N. Nano whose telephone number is (571) 272-4007. The examiner can normally be reached on 8 hour.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sargon Nano
Dec. 3, 2007


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